



SCADA SOFTWARE AND CONNECTION KIT FOR INDUSTRY 4.0



DL SCADA IND4.0

DIDACTIC EXPERIENCE

Though the supervision system, all the sub-stations composing the Industry 4.0 trainer are able to exchange data and display information relevant to the process. The SW is structured to follow a simulated manufacturing process receiving input from the user and generating report files that are accessible remotely. The processes implemented in the SW include:

- Processing an order from a client
- Generating a production order
- Generating a purchase order
- Manage and update different BOMs
- Supervise the production process
- Manage inventories
- Creating packing lists

All the historical data relevant to the production process are logged into the RFID tag of the manufactured object for product traceability.

The Industry 4.0 training system is controlled by an industrial SCADA (Supervision and Control Data Acquisition) software that exchanges information with all the trainer subsystems, showing the data from the sensors and the system status to control it in real time.

The learning platform software (CAI) is structured using a didactic approach, including the theoretical and practical information necessary to address the proposed topics.

The open SCADA-WEB license allows the students to create their own projects and customize them to show the parameters of interest, generate automatic reports and control the actuators for an "intelligent" management of a productive process.

TECHNICAL FEATURES

- 4 RS485 serial communication sub-boards compatible with the industry 4.0 trainers.
- MODBUS RTU RS485 to USB interface.
- SCADA license to monitor up to 256 variables.
- Open SCADA SW

Depending on the configuration, it is possible to use the software to remotely monitor the system from a local or remote PC using an internet connection.